St. Louis County (HW) McDonnell Douglas Corp. (Tract I)

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RCOM SECTION

STATE OF MISSOURI

Mel Carnahan, Governor • David A Short, Director, ... DEPARTMENT OF NATURAL RESOURCES

- DIVISION OF ENVIRONMENTAL QUALITY -St. Louis Regional Office 10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017 (314)822-0101

FAX (314)822-0943

May 23, 1995

Mr. Joseph Haake, Group Manager Environmental and Hazardous Materials Services McDonnell Douglas Corporation Dept. 064C, Bldg. 110, MailCode 1111099 P.O. Box 516 St. Louis, MO 63166

Dear Mr. Haake:

L.O.W. #95-SL.027

Enclosed is a report of an inspection conducted by Mr. Joe Trunko of my staff. The section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection and outlines steps the inspector has determined will correct those violations.

A closure inspection was conducted of the Building 28 Waste Tank and the Building 10 Explosives Storage Area (Area 3). The section in the report titled "CLOSURE INSPECTION REPORT" contains the findings of the closure inspection.

We have received your company's May 3, 1995, response to Notice of Violation (NOV) #3647 (copy attached). This NOV was issued as a result of violations noted during the inspection. A review of the response indicates that the proper actions have been taken to correct Unsatisfactory Features #1, 2, and 3 (as noted in the report).

The following additional actions are required to correct unsatisfactory features #4, 5 and 6:

After consulting with the Hazardous Waste Program, it was determined that marking the small satellite containers "HAZARDOUS SOLID WASTE-EMPTY EVERY NIGHT" would be adequate provided that McDonnell Douglas could insure that the containers are actually emptied every night. Please submit to this office the procedures that will be put in place to insure that these containers will be emptied nightly.

RCRA Records Center

RECYCLED PAPER

- 2. McDonnell Douglas must dispose of all hazardous waste that has been stored at the facility for over one year. Copies of manifests documenting proper disposal must be submitted to this office. In lieu of this action, information must be submitted to this office that shows that the length of storage was necessary in order to facilitate proper recovery, treatment, or disposal of the waste. See unsatisfactory feature #5 in the report.
- 3. A notification must be submitted to the Hazardous Waste Program concerning closure of the Building 27 distillation unit. The notification should be directed to the Hazardous Waste Program Permits Section, with a copy submitted to this office. See unsatisfactory feature #6 in the report.

A written response that includes the information requested above must be submitted to this office by June 23, 1995. A copy of the response should also be forwarded to Mr. Tom Judge at the Hazardous Waste Program.

Your cooperation in this matter is appreciated. Should you have any questions, please call Mr. Joe Trunko at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

Robert S. P. Eck Regional Director

RSPE/JLT/jh

Enclosures

c: HWP

RESOURCE CONSERVATION AND RECOVERY ACT

MISSOURI HAZARDOUS WASTE MANAGEMENT LAW COMPLIANCE EVALUATION INSPECTION REPORT

FACILITY

McDonnell Douglas Corporation Tract I P.O. Box 516 St. Louis, MO 63166 (314) 232-3319 EPA ID #: MOD000818963
MO Generator ID #: 001001
Permit #: OSO 062284 002
Resource Recovery #: 0268-A
MO Transporter ID #: H-1039

PARTICIPANTS

Missouri Department of Natural Resources (MDNR)

Joseph L. Trunko & Rochelle Gibson Environmental Specialists

McDonnell Douglas Corporation

Joseph Haake, Group Manager Environmental & Hazardous Materials Services

INTRODUCTION

On April 25, 1995, an inspection was conducted at McDonnell Douglas Corporation-Tract I (MCDC) located in St. Louis County, Missouri. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Hazardous Waste Management Law (1977) as amended. The inspection was confined to facets of the facility operation related to hazardous waste management.

Storage Permit #OSO 062284 002, issued to MCDC on March 22, 1984, expired on June 22, 1994. A renewal application has been submitted to the Department and is under review.

On May 9, 1994, MCDC submitted a closure certification for the Building 28 Waste Tank and the Building 10 Explosives Storage Area (Area 3). At the request of the Hazardous Waste Program, a final closure inspection was conducted of these units during the facility inspection.

FACILITY DESCRIPTION

MCDC is a manufacturer of military aircraft. Operations at the facility include chemical processing (conversion coating, etching, pickling, and electroplating), machining of parts, composite manufacturing, parts degreasing and painting, aircraft assembly and painting, aircraft testing (flight ramps), industrial wastewater pretreatment, and a boiler house.

MCDC operates five days per week, 24 hours per day, three shifts per day. The largest shift (shift 1) consists of approximately 6,700 employees. A site map of the facility is attached.

MCDC is a large quantity generator of hazardous waste. Numerous waste streams are generated. However, the largest waste streams include emulsified cutting oil, paint solids, solvent and paint waste, wastewater treatment sludge and corrosive waste.

MCDC is permitted to store hazardous waste for greater than 90 days. Waste generated from on-site as well as waste from off-site facilities is stored. Only waste from MCDC facilities is accepted from off-site. Hazardous waste is transported to Tract I by MCDC (Missouri Transporter ID #H-1039). A Generator's Hazardous Waste Summary Report and Facility Quarterly Summary Report for the quarter ending December 31, 1994, are attached.

MCDC stores on-site generated waste (drum related) at three less-than-90-day storage areas. These areas are located on the east side of Building 2, at Building 48, and at Building 51, respectively. Waste solvents, paints, and oils are accumulated in drums at numerous satellite locations (mainly in Buildings 27, 29A, 220, 2, 42, and 48). When full, these containers are transferred to one of the less-than-90-day storage areas or directly to the permitted storage area. Waste oils generated in the general flight ramp area are stored at a separate storage shed located north of Building 40.

Solids contaminated with paint and/or solvents are accumulated in red, two cubic yard dumpsters. There are approximately 30-40 of these dumpsters located throughout the facility (mainly in Buildings 27, 220, 29, 2, 45, and 48). When full, these dumpsters are emptied into two compactor roll-offs located at the north side of Building 27 and the north side of Building 48 respectively (approximately twice per week). The roll-off containers are transported by Peoria Disposal Company to an off-site hazardous waste facility.

Rags that are used to wipe up solvents and paint are placed in 5, 10, 15, and 30-gallon red trash cans located at the immediate work areas. There are approximately 400-500 of these containers located throughout the facility. At the end of each day, these cans are emptied into the nearest two-yard dumpster.

Wastewater pretreatment sludge (F006/F019) is accumulated in a 15 cubic yard roll-off container that is located underneath the filter press in Building 14. This waste is shipped directly off- site by Heritage Transport, Inc.

Waste coolant from manufacturing equipment is collected in portable tanks and is pumped into a storage tank located in the lower level of Building 27. The waste coolant is managed as a used oil and is shipped off-site by Heritage Transport, Inc.

MCDC currently stores hazardous waste for greater than 90 days in the following unit:

Building 27 Scrap Dock Container Storage Area - Containers from off-site and from the on-site, less-than-90-day storage areas are stored at this area. Acids, alkalis, oils, solvents, and paint sludges are stored in Area 1. Cyanides and sulfides are stored in Area 2, which consists of a prefabricated storage building. MCDC has submitted modifications requesting the removal of the storage tanks from the permit. A detailed description of these tanks was included in previous inspection reports. The current status of these tanks is as follows:

Building 14 Sludge Holding Tank - MCDC submitted a request to remove this tank from permit status based on the wastewater treatment exemption. The tank must still be closed in accordance with the closure plan. Soil samples were collected from underneath the tank and the analysis results indicated contamination. Additional background samples are scheduled to be collected.

Building 52 Caustic Tanks (H19, H20) - The tanks are currently used to store waste sodium hydroxide solution. The solution is sent to Reynolds Aluminum in Texas for use in their process. As a result, it is not considered a solid waste. MCDC is pursuing closure of these tanks. Sampling conducted by MCDC around the tanks showed contamination. Additional sampling will be conducted to determine the extent of the contamination.

Building 52 Acid Tanks (H12-H16) - These tanks are currently used to store waste nitric hydrofluoric acid (pickling solution). This solution is sent to a facility in Washington, Missouri, that uses it as an ingredient in their process. As a result, it is not considered a solid waste. MCDC is pursuing closure of these tanks. Sampling conducted by MCDC around the tanks showed contamination. Additional sampling will be conducted to determine the extent of the contamination.

Hush House Waste Tank - Groundwater remediation is ongoing. Closure will not be certified until the cleanup levels specified by the Department are achieved. Waste jet fuel generated in this area is currently being run through an oil water separator.

Fuel Pit #3 and #4 Waste Tanks - Same as the Hush House Waste Tank.

Building 28 Waste Tank - MCDC submitted a final closure certification for this tank to the Department on May 9, 1994. A closure inspection of the tank was conducted by the inspector during the facility inspection.

Ramp Station 1 and 2 Waste Tank - Tank has been removed. Groundwater remediation is ongoing. Waste jet fuel generated in this area is currently being run through an oil water separator.

Building 10 Explosives Storage Building - MCDC submitted a final closure certification for this area to the Department on May 9, 1994. A closure inspection was conducted of the area by the inspector during the facility inspection.

The following units have been certified closed and are no longer part of the permit:

Building 52 Acid Tanks (H1-H6)
Building 6 Waste Oil Tank
F-18 Silencer Waste Tank
Building 27 Scrap Dock Container Storage Area 2 (original area 2)

Waste jet fuel generated at this facility is burned as a fuel in the facility's boilers. As a result, the jet fuel is not considered a solid waste.

MCDC has a Resource Recovery Certification (expires November 18, 1996) for the following operations:

Distillation of spent Methyl Ethyl Ketone (MEK) and Methyl Isobutyl Ketone (MIBK). A distillation unit is located at the paint area in Building 48. Still bottoms are collected in a 55 gallon drum and are disposed of as hazardous waste. The distillation unit located at the paint area in Building 27 has been removed due to its age and deteriorating performance.

The recovery of perchloroethylene by steam stripping carbon adsorption beds. This process is located in Building 51. Prior to chemical milling, a maskant coating that contains perchloroethylene is applied to metal parts. As the parts dry, the perchloroethylene evaporates, is collected, and is run through a carbon adsorption unit. The perchloroethylene is stripped from the carbon beds with steam and is collected for reuse as an ingredient in new maskant production.

The recovery of used hydraulic oil. Used hydraulic oil generated from metal fabrication equipment in building 29 is processed through a thermo-vacuum-distillation unit. Water and solids are removed from the oil and the oil is reused at the facility.

Solid waste generated at the facility is hauled by MCDC to the Westlake Sanitary Landfill. Burnable solid waste is collected in brown, 2 cubic yard dumpsters and is burned in a permitted incinerator located at the MCDC Tract II facility.

MCDC has a NPDES Permit (MO-0004782) from the MDNR for the discharge of storm water and non-contact cooling water.

MCDC has been proactive in reducing the quantity of hazardous waste generated at this facility. Waste minimization efforts recently initiated include the replacement of the centrifuge located at Building 14 with a filter press and the on-site neutralization of corrosive waste (non-chromate) at the Building 14 wastewater pretreatment plant.

UNSATISFACTORY FEATURES

Satellite containers of hazardous waste not put into storage within three days of filling, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(2). One full 55 gallon drum of waste MEK was observed next to the small paint booth in Building 2. The drum was dated 9/23/93 (start date of waste accumulation). According to the operator in the area, the drum had been full for several months.

All satellite containers of hazardous waste must be placed into storage within three days of filling. MCDC must remove the drum of waste MEK from the paint booth area and place it in a less than 90 day storage area or the permitted storage area. Documentation and/or written certification this has been done must be submitted to the Department.

2. Failure to provide adequate aisle space, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4), referencing 40 CFR 265.35. There were 15 drums of cyanide waste being stored in the Area 2 permitted storage building. Several of the drums were located along the back wall of the building and were not easily accessible.

Adequate aisle space must be maintained to allow the unobstructed movement of personnel and emergency equipment. Each container of hazardous waste must be visible and accessible so that the contents (markings/labels) of each container can be easily identified and that each container can be inspected for leaks and deterioration. Documentation and or written certification this has been done must be submitted to the Department.

3. Containers of hazardous waste not dated, in violation of 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2). Several of the red, two-cubic yard dumpsters containing paint solids were not dated or were not remarked with the most recent start date of waste accumulation. MCDC must insure that all the two-cubic yard dumpsters are marked with the start date of waste accumulation. Documentation and/or written certification this has been done must be submitted to the Department.

> The two-cubic yard dumpsters are considered to be less-than-90-day storage areas and must be marked with all the information specified in 40 CFR 262.32.

4. Satellite containers of hazardous waste not marked and dated, in violation of 10 CSR 25-5.262(2)(C)3. A 55 gallon drum containing paint waste was observed in the paint storage room located next to the large paint booth in Building 2. The drum had no marking and was not dated.

MCDC accumulates waste rags and other solids in numerous 5, 10, 15, and 30 gallon containers located throughout the facility. Many of the containers were marked "HAZARDOUS SOLID WASTE - EMPTY EVERY NIGHT". Several of the containers contained no marking. These containers are considered to be satellite accumulation containers.

All satellite accumulation containers of hazardous waste must be marked with the words "HAZARDOUS WASTE," or with other words that identify the contents of the containers, as well as with the beginning date of satellite storage. Documentation and/or written certification this has been done must be submitted to the Department.

5. The storage of hazardous waste in the permitted area for over one year, in violation of 10 CSR 25-5.265(1) incorporating 40 CFR 268.50(c). A 55 gallon drum containing cyanide waste was observed in Area 2 of the permitted storage area (Building 27 Scrap Dock). The date on the drum indicated that it had been in storage since 1989.

The Land Disposal Restrictions only allow the storage of hazardous waste at a permitted facility for up to one year. However, hazardous waste may be stored for over one year if such storage was solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal. MCDC must dispose of all hazardous waste that has been stored for over one year at the facility or must submit information to the Department that shows that this length of storage was necessary in order to facilitate proper recovery, treatment, or disposal.

6. Failure to obtain approval for a change in the resource recovery operation, in violation of 10 CSR 25-9.020(3)(E)1. MCDC has ceased the distillation of waste MEK in Building 27 due to the distillation units age and deteriorating performance. The Department was not notified of the closure of this unit.

MCDC must submit a written notification to the Hazardous Waste Program that describes the closure and disposition of the distillation unit, as well as how any hazardous waste that was not recycled prior to closure was managed. A copy of the request should also be sent to this office.

CLOSURE INSPECTION REPORT

At the request of the Hazardous Waste Program, a closure inspection was conducted of the Building 28 waste tank and the Area 3 container storage area. The inspection was conducted in order to verify that these units were no longer being used for the storage of hazardous waste.

The findings of the visual inspection are contained below:

Building 28 Waste Tank - This unit originally consisted of a 5,000 gallon underground tank that was used to store waste jet fuel. The tank was removed and replaced with a double-wall tank. Waste jet fuel stored in the tank is currently used as a fuel in the facility's boiler and, as a result, is not considered a solid waste. MCDC requested removal of this tank from the permit. Sampling conducted by MCDC indicated that the area around the tank contained no contamination. The visual site inspection indicated that the unit is not being used for the storage of hazardous waste. No visual contamination was observed around the area.

Building 10 Explosives Storage Area (Area 3) - This building was used to store Class B and C explosives. MCDC ceased the storage of explosives and requested that this unit be removed from the permit. Sampling conducted by MCDC indicated that there was no contamination in the building. The visual site inspection indicated that the building was being used for electrical equipment storage and that the building was not being used for the storage of hazardous waste. No visual contamination was observed around the area.

Questions concerning the compliance evaluation inspection section of the report should be addressed to the undersigned.

Questions concerning the closure inspection should be addressed to Mr. Brian McCurren of the Hazardous Waste Program - Permits Section at (314) 751-3176.

PREPARED BY:

Joseph L. Trunko

Environmental Specialist II

APPROVED BY:

Mike Struckhoff

Unit Chief, Hazardous Waste

JLT/jh

Attachments



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM LARGE QUANTITY GENERATOR INSPECTION RECORD AND CHECKLIST

L

LQG-INSP.

FOR FACILITIES THAT GENERATE/ACCUMULATE > 1000 Kg (2,200 lbs. or ap		113/	1
	- 25-95	EPAID NUMBER	818963
P.O. Bex 516	268-A	MOID NUMBER	
St. Louis NUMBER OF EMPLOYEES YEARS AT SIT	E	TELEPHONE NUM	
Joe Haake, Grosp Manager - Waste Manage	ment	,	
DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT.			
Included in written Report			
			-6
			-
WASTE STREAMS			4 5 2 4 5
DESCRIBE EACH WASTE STREAM GENERATED	GENERATION	EPA ID	DISPOSITION
	GENERATION RATE	EPA ID NUMBER	DISPOSITION
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A. G	ENERAL		
	Registered as a HW Generator - Section 260.380.1 (1) RSMo and 10 QSR 25-5.262 (2)(A)	GGR	COMMENTS
2.		GGR	
3.	Utilizes a licensed hazardous waste transporter - Section 260.380.1 (5) RSMo	GGR	
4.	Utilizes authorized HW/TSD or RR facility - Section 260.380.1(7) RSMo.	GGR	
5.	Facility does not operate as a TSD - Section 260.390(1) RSMo	GGR	
	PART 1: WALK-THROU	GH IN	SPECTION
B. Pl	RETRANSPORT, CONTAINERIZATION & STORAGE		
1.	Storage does not exceed 90 days or 180/270 days if facility generates < 1000 Kg/month - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)	GPT	COMMENTS
2. 🖃	· · · · · · · · · · · · · · · · · · ·	GPT	
3.	Waste compatible with container - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.172	GPT	
4.	Containers closed in storage - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.173(a)	GPT.	
5.	Containers storing incompatible waste separated or protected from each other by a dike, berm or wall - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.177(c)	GPT	
6.	Container storage areas have a containment system if holding more than 1000 Kg of liquid hazardous waste - 10 CSR 25-5.262 (2)(C)2.B.(I)	GOR	
7.	Base of containment system is imprevious and free of cracks or gaps - 10 CSR 25-5.262 (2)(C)2.B.(III)(a).	GOR	
8. 🖃	Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(III)(b).	GOR	
9. 🖸	Capacity of containment system = 10% of waste volume or volume of largest container, whichever is greater - 10 CSR 25-5.262(2)(C)2.B.(III)(c).	GOR	
10.	Run-on onto the containment system is prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.B.(III)(d).	GOR	
11.	Accumulated liquids removed to prevent overflow of containment - +0 CSR 25-5.262(2)(C)2 B.(III)(e).	GOR	
12.	Containers of ignitable or reactive waste stored >50 ft. from property line (or meet requirements) - 10 CSR 25-5.262(2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265(2)(I)7.and 8.	GPT	
13.	Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262 34(a)(3)	GPT	
14.	Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5 262(2)(C)1.	GOR	
15	Date of accumulation marked on containers - 10 CSR 25-5.262(1) uncorporating 40 CFR 262.34(a)(2)	GPT	
16	Facility inspected and maintained (weekly) - 10 CSR 25- 5 262(2)(C)2.A.(I) and (II) referencing 40 CFR 265.174	GPT	
17.	Daily inspection of areas subject to spills, i.e., waste handling areas - 10 CSR 25-5.262(2)(C)2.A.(II)	GOR	
18.	Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.35	GPT	
19.	Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT	
20.	"No Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D(II)	GOR	
21 🔼	Waste oil containers in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR	
C. S	ATELLITE ACCUMULATION	- 11 (E.)	
1.	Containers kept closed - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(c)(1)(i) referencing 40 CFR 265.173(a)	GPT	COMMENTS

2.	Containers in good condition GFR 262.34(c)(1)(i) referencing		acorporating 40	GPT	COMMENTS	
3. [Waste compatible with conta 40 CFR 262.34(c)(1)(i) referen) incorporating	GPT		
4.	Quantities accumulated not hazardous wastes) - 10 40 CFR 262.34(c)(1)	exceeding 55 gal. (1 qu 0 CSR 25-5.262(1)	art of acutely- incorporating	GPT		
5.	Satellite containers go to sto 25-5.262(1) incorporating 40 (illing - 10 CSR	GPT		
6.	Container marked identifying 5,262(2)(C)3.	contents & beginning dat	GOR			
7.	Stored in satellite areas less t	han 1 year - 10 CSR 25-5.2	GOR			
DE	REPAREDNESS AND PREV	ENTION AND EMERG	ENCY PROC	DURE	:0	
	Facility operated and mainta emergency - 10 CSR 25-5.26 referencing 40 CFR 265.31	ained to minimize the po	ossibility of an	GPT	COMMENTS	
2.	Adequate and proper spill equipment available (fire blant - 10 CSR 25-5.262 (2)(C)2.E.			GPT		
3.	Adequate water supply and fir incorporating 40 CFR 262.34(GPT		
4.		te operation area capable 10 CSR 25-5.262(1)	of summoning	GPT		
5.	Telephone or two-way radio fire or police department 40 CFR 262.34(a)(4) referencia	- 10 CSR 25-5.262(1)		GPT		
6 Communication and emergency equipment tested and maintained - 10 CSR 25-5 262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.33						
E. L	QG TANKS	SERVICE SERVICES				I
E. L	QG TANKS TANK DESIGNATION	CONTENTS	CAPACI	TY	CONTAINMENT	AGE
E. L.		CONTENTS	CAPACI	TY	CONTAINMENT	AGE
		CONTENTS	CAPACI	TY	CONTAINMENT	AGE
1.			CAPACI	TY	CONTAINMENT	AGE
1.	TANK DESIGNATION		CAPACI	TY	CONTAINMENT	AGE
1. 2. 3.	TANK DESIGNATION		CAPACI	TY	CONTAINMENT	AGE
1. 2. 3.	No HW storage IN	lace and operating e.g. ch	neck valves, dry		COMMENTS	AGE
1. 2. 3. 4.	No Hw storage in Spill prevention controls in pl discount couplings - 10 C 262.34(a)(1) referencing 40 C	lace and operating e.g. ch SR 25-5.262(1) incorpor FR 265.194(b)(1) In place and operating tetc 10 CSR 25-5.262(1	neck valves, dry rating 40 CFR e.g. high level	GPT		AGE
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1. 2. 3. 4. 5. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	Spill prevention controls in pl discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff 40 CFR 262.34(a)(1) reference Sufficient freeboard in uncon CSR 25-5.262(1) incorporat 40 CFR 265.194(b)(3)	lace and operating e.g. ch SR 25-5.262(1) incorpor FR 265.194(b)(1) In place and operating tetc 10 CSR 25-5.262(1 ing 40 CFR 265.194(b)(2) wered tanks to prevent outing 40 CFR 262.34(a)(neck valves, dry rating 40 CFR e.g. high level i) incorporating vertopping - 10 (1) referencing	GPT GPT		AGE
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1. 2. 3. 4. 5. 2. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	Spill prevention controls in place discount couplings - 10 C 262.34(a)(1) referencing 40 C Overfill prevention controls alarms, automatic feed cutoff 40 CFR 262.34(a)(1) referencing 40 CFR 265.5.262(1) incorporate 40 CFR 265.194(b)(3) Waste or treatment method controls incorporating 40 CFR 262.34(1) Incompatible wastes not place.	lace and operating e.g. chess 25-5.262(1) incorporating 40 CFR 265.194(b)(2) wered tanks to prevent outing 40 CFR 262.34(a)(1) referencing 40 CFR 263.34(a)(1)	e.g. high level incorporating vertopping - 10 1) referencing CSR 25-5.262(1) 265.194(a) CSR 25-5.262(1) 265.199(a) from sources of rating 40 CFR	GPT GPT GPT GPT		AGE

8. 🛮	Volatiles with vapor pressure > 78 mm @ 25 °C not placed in open tanks - 10 CSR 25-5.262(2)(C)2.D.(I)	GOR
9. 🗖	Wastes and residues removed as hazardous waste and tank and equipment decontaminated upon closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.197(a)	
0. 🗹	Secondary containment system provided for tanks and equipment; installed after July 14, 1986; storing dioxin waste; over 15 years old; of unknown age in facility over 15 years old; repaired, replaced or reinstalled after July 14, 1986 - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(a)	
1 7	Secondary containment system constructed of or lined with impervious waste compatible material - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(1)	GPT
2. 🗹	Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2)	GPT
3. 🗖	Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3)	
4. 🛮	Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(b)	
5. 🗹	Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(c)	
6. 🗹	Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(a)	GOR
7. 🗖	Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(d)	GOR
8. 🗖	Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4)	
9. 🗗	Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT
0. 🗹	Daily inspections of overfill/spill control equipment, aboveground portions of tank system, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a)	GPT
1. 🖸	Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c)	GPT
2. [Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(b)	0.000.000.000
3. 🗖	Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site-10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192	1
4. 🗖	Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191	GPT
5. 🗹	Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) procorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i)	
6. I	Leak/spill response resulted in: waste flow stopped immediately; waste removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.196	GPT

PART 2: RECORDS INSPECTION

	MANIFESTS		
1.	Facility uses manifest system - 260.380.1.(6) RSMo, and 10 CSR 25-5.262(2)(B)	GMR	COMMENTS
2.	Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	
3.	Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	
4.	Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5 262(2)(B)2 A	GOR	
5.	Generator's name, address and phone number - 10 CSR 25-5.262(2)(B)2	GMR	
6.	All transporters' names, phone numbers, MO & EPA I.D.#'s, license plate # - 10 CSR 25-5.262(2)(B)2.		
7.	Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)2.	GMR	
8.	DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) - 10 CSR 25-5.262(2)(B)2.	GMR	
9.	Containers, quantity and specific gravity designated - 10 CSR 25- 5.262(2)(B)2.	GMR	
10.	Manifest signed and dated - 10 CSR 25-5.262(2)(B)2.	GMR	
11.	Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4 A.	GOR	
12.	Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	GOR	
13.	Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	GRR	
14.	Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1.	GOR	
G.	LAND DISPOSAL RESTRICTIONS		
1.	Tests waste or uses knowledge of waste to determine if the waste	W 4	COMMENTS
	is restricted from land disposal - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB.	
2.	40 CFR 268.7(a)		
	40 CFR 268.7(a) Dilution of waste to meet LDR treatment standards is not occurring	GLB	
	40 CFR 268.7(a) Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a) "Land-Ban" notification/certification, sent with manifests and retained on-site for	GLB	
3.	40 CFR 268.7(a) Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a) "Land-Ban" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)	GLB GLB GLB	
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3. 4. 5. H.	Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a) "Land-Ban" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4) PERSONNEL TRAINING Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3) Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR	GLB GLB GLB GPT	COMMENTS
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3. 4. 5. H. 1.	Dilution of waste to meet LDR treatment standards is not occurring - 10 CSR 25-7.268(1) incorporating 40 CFR 268.3(a) "Land-Bag" notification/certification, sent with manifests and retained on-site forfive years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4) PERSONNEL TRAINING Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b) Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b) Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(c) Program director trained in hazardous waste management procedures - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing	GLB GLB GLB GPT GPT GPT	COMMENTS

	,		
6	Gives job title, job description and name of employee filling each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(1) and (2)	GPT	COMMENTS
7.	Written description of introductory and continuing training that will	GPT	
8	Documentation of training completed by personnel - 10 CSR 25-	GPT	
9	Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e)	GPT	
	CONTINGENCY PLAN		
1.	Contingency plan maintained on site 10 CSP 25 5 262(1)	GPT	COMMENTS
2.	Plan submitted to local emergency response agencies - 10 CSR 25-	GPT	
3.	Emergency coordinator on-site or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55	GPT	,
4	Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a)	GPT	
5.	Describes arrangements with emergency response agencies - 10 CSR 25-5 262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(c)	GPT	
6.	Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262 34(a)(4) referencing 40 CFR 265.52(d)	GPT	
7	Primary emergency coordinator designated - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
8	List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(e)	GPT	,
9.	Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f)	GPT	
	WASTE OIL		
1.	Waste oil is managed properly and not disposed of into the environment - 10 CSR 25-11.010(1)(D).	GOR	COMMENTS
	Listed hazardous waste mixed with waste oil is handled as a hazardous waste - 10 CSR 25-11.010(1)(C)2.	GOR	
3.	Registered as waste oil generator if gen./accum. 220 lb 10 CSR 25-	GOR	
4.	Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5.	Uses a licensed transorter and receiving facility - 10 CSR 25-11.010(4)	GOR	
Section 2	RESOURCE RECOVERY		
1.	RR certification for energy recovery or reclamation of waste oil or	GOR	COMMENTS
2.	hazardous waste on-site - 10 CSR 25-9.020(1)(A)3. Still bottoms or RR residues disposed of properly - Section 260.380.1(5). RSMo.	GOR	
3.	Facility is classified as U, R1 or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR	
4.	Facility meets the operating conditions of certification - 10 CSR 25-9.020(30)(E)3.	GOR	
5.(Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9 020(3)(E) 1, and 2.	GOR	

6. Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR	COMMENTS
 Facility maintains a written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2. 	GOR	
8. Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.		
9. R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	GOR	
10. A R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.		
11. R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3.	GOR	
12. R2 facility provides financial assurance for closure - 10 CSR 25-9.020(3)(C)4.	GOR	
CHECKLIST KEY		
Check the ☑ if in compliance.		
Circle the if not in compliance and provide comment.		
N/A = Not Applicable		
A shaded item is a serious deviation from the requirements (Class I v	iolatio	n)
An unshaded item is a significant deviation from the requirements (C	lass II	violation unless conditions warrant Class I)
COMMENTS INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PL	_AN	
*		
A		CATE
INSPECTOR'S SIGNATURE		5-18-95

MO 780-0854 (7-92)

LQG PAGE 7 OF 7



MISSOURI DEPARTMENT OF NATURAL RESOURCES

NOTICE OF VIOLATION PURSUANT TO REQUIREMENTS OF THE MISSOURI HAZARDOUS WASTE MANAGEMENT LAW, RULES AND REGULATIONS

3647

and the state of t				
FACILITY NAME Mc Donnell Deuglas Co	rporation - Tr	act I		
McDennell & Lindbergh Blud.	CITY Hazelw	00 1	STATE	ZIP CODE (3042
MISSOURI ID NUMBER OUL OOL		DATE OF INSPECTION	5	
During an inspection and/or a review of in requirements of the Missouri Hazardous Wast 10 CSR 25 the following violations were identified the Missouri Hazardous Waste Regulations.	te Management Law, S	entation completed this date to Section 260.350 - 260.550 RSMo, a	determine co	les and Regulations
CITATION		DESCRIPTION OF VIOLAT		
40 CFR 362.34(c)(d)	Schillite containers of filling.	et hazne does whate not put in	u sternge w	ittin 3 days
40 (FR 265.35	Inadequate aisle	space in Bldg 27 Scrap do	ck (Arm	a) storage
40 (FR 262.34 @) (a)	Date accumula	tien not marked en contain	is of HW	(924 grasta)
10 (SR 25-5.262(2)(c) 3.	Sutillite contain	ness of HW not dated and	marked	(South on . or desert)
	,			
This information is provided to call your attent not constitute a compliance order issued put which may be identified as a result of this ins	ursuant to Section 26			
The owner/operator is hereby requested to actions taken and/or a schedule for completic Waste Program, Department of Natural R	on of necessary correct	tive actions to be taken to: Chief.	Enforcement	Section, Hazardous,
The corrective actions taken within 15 days the assessment of civil penalties, should be in				ent action, including
If you have any questions on this notice or wi	sh to discuss your res	ponse, you may call	Trunko	
Signature of Preparer	lih			-25-95
The undersigned person hereby acknowledg	es that he/she receive	d a copy of this Notice and has re	ead same.	
SIGNATURE		PRINTED NAME		
el - cone				
6-2015 1775-R		DATE 4-25-95		
G-ROVA 1775-R		7 - 25 - 75		

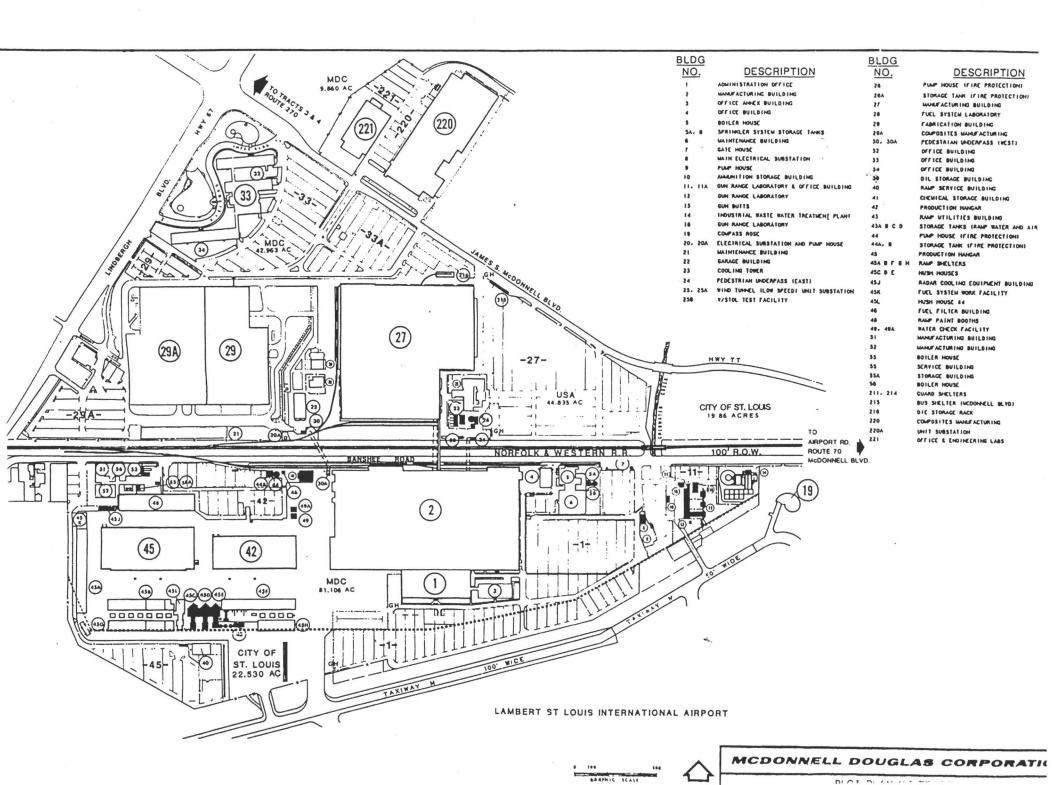


MISSOURI DEPARTMENT OF NATURAL RESOURCES

NOTICE OF VIOLATION PURSUANT TO REQUIREMENTS OF THE MISSOURI HAZARDOUS WASTE MANAGEMENT LAW, RULES AND REGULATIONS

3647

Mc Donnell Douglas Co	roccation - To	act I		
ADDDECC	CITY Hazelw		STATE	ZIP CODE
	CITY Hazelw		MD	(3042
MISSOURI ID NUMBER OOL OOL		DATE OF INSPECTION 4-25-95	5	
During an inspection and/or a review of in	formation or docum	entation completed this date to	determine co	impliance with the
requirements of the Missouri Hazardous Wast				
10 CSR 25 the following violations were identified the Missouri Hazardous Waste Regulations.	entified. The 40/49 C	FR regulations cited below have	been adopt	ed by reference in
CITATION		DESCRIPTION OF VIOLATI	ON ?	
40 CFR 262-34(c)(d)	Satellite containers of filling.	of hazar dars waste not put in	sternige wi	thin 3 days
40 (FR 265.35	Frakegrate aisle	space in Bldg 27 Scrap de	ck (Arma i	a) storage
40 (FR 262.34 (a) (a)	Date accumula	tion not mo-ked on contain.	< of HW ((9245 gradings
10 (SR 25-5.262(2)(c) 3.	Sutellite contain	iners of HW not dated and	morked	policie to toward
		~		
		,		
This information is provided to call your attent not constitute a compliance order issued purchased which may be identified as a result of this install.	ursuant to Section 26			
The owner/operator is hereby requested to sactions taken and/or a schedule for completic Waste Program, Department of Natural R	submit in writing with on of necessary correces P.O. Box ice, 16865 Sunch	nin 15 days of receipt of this notice tive actions to be taken to: Chief, E. 176, Jefferson City, MO 65102 to Office Dr. , St. Leuis, MO	e a descripti inforcement with a cop 63137	on of all corrective Section, Hazardous y to the Director,
The corrective actions taken within 15 days the assessment of civil penalties, should be in				nt action, including
If you have any questions on this notice or wi	sh to discuss your res	sponse, you may call	Trunko	
Signature of Preparer	ich		te	-25-95
The undersigned person hereby acknowledge	es that he/she receive			
SIGNATURE /	2	PRINTED NAME		
e tank				
		DATE 4 - 25 - 95		
GRUP MGR		4-25-95		



McDonnell Douglas Aerospace

January 25, 1995 064C-3476-SYJ

Missouri Department of Natural Resources Waste Management Program P.O. Box 176 Jefferson City, Missouri 65102

Enclosed is our Generator's Hazardous Waste Summary Report, and Facility Summary Report for the fourth quarter of 1994.

If you have any questions, please call Joe Haake at (314) 232-6941.

Sincerely,

Shelia Y. Johnson

Senior Departmental Assistant

Environmental and Hazardous Materials Services

Dept. 064C, Mailcode 1111099

(314) 234-6701

syj

Enclosures



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

GENERATOR'S HAZARDOUS WASTE SUMMARY REPORT - PART I MCDONMELL DOUGLAS CORPORATION TRACT I CONTACT: JOE HAAKE MCDONNELL & LINDBERGH BLYD. HAZELWOOD MO 63042

EPAID=MODO00818963

SENERA": " S CPA 10 MUMBER

MOID=001001

GENERATORS WISSOURITO HOUSER

	MOTE: THE FEDERAL EPA EXCLUSIVELY TO THE S DEPARTMENT IF THE ADDR	AND MISSOURI O	E IS PRODU	O. 1. U. U. 1 ID NUMBERS ARE ASSIGN ICED YOU MUST NOTIFY THE	EC
NOTE > PLEASE READ INSTRUCTIONS AND EITHER PL	RINT OR TYPE				-
SECTION A - REPORT IDENTIFICATION					
1: TYPE OF REPORT (CHECK ONE)	2 FCR THE PERIOD ENDING			3. PAGE	
O QUARTERLY D ANNUAL	0 9-30 (YEAR)	12-31-94 N	EAR)	1 of 9	
(IF ANNUAL CHECKED, PLACE X IN 6-30 BOX)	1 3-31 (YEAR)	D 6-30(Y	EAR)	- 0 B	
SECTION B - GENERATOR IDENTIFICATION					
NOTE: Any change in either the mailing or site address from p	revious reports requi	res renotificati	on to the	Department.	
4 GENERATOR'S NAME A SAME AS LABEL					
MCDONNELL DOUGLAS CURPURATION					-
JOE HAAKE		314-232			
& WAILING ADDRESS	CITY .		STATE	ZIP CODE	
P.O. BOX 516, MAIL CODE 1111099	ST. LOUIS		МО	63166	
LINDBERGH & MCDONNELL BLVD.	HAZELWOOD	2 8	HO	63042	
8 NAME OF PARENT FIRM		•	OFFICE USE	ONLY	_
MCDONNELL DOUGLAS CORPORATION		••			
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SECTION E - CERTIFICATION STATEMENT

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

ROBERT	H.	KAATHAN

PRINT NAME

n/ 1/49

SIGNATURE

23 Jan 95



HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 45102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE

REPORT SUMMARY SHEET - PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L OCHERATOR HAME

McDonnell Douglas Corporation

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

MISSOURITO MUNDER

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TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge of POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 45102 (314) 751-3176

GENERATOR'S HAZARDOUS WASTE

REPORT SUMMARY SHEET - PART II

AND IDENTIFICATION NUMBERS AS SHOWN ON PART L DEHERATOR WAVE

McDonnell Douglas Corporation

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TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.

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-SSN . PO BOX 178

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME HAZARDOUS WASTE PROGRAM .6.3

	JEFFERSON CITY, MISSOURI 65102	McDonnell D	ouglas Corporation
18005	(314) 751-3176	LPA 10 HUMBER	
AND THE	GENERATOR'S HAZARDOUS WASTE	,	M. O. D. O. O. O. 8. 1. 8. 9.
	REPORT SUMMARY SHEET - PART II	MISSOURIED HUMBER	0 .0 .1 .0 .0 .1
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TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HÁZARDOÙS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE

BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L										
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McDonnell Douglas Corporation										
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HÁZARDOÚS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

1	BEFORE COPYING FORM, ENTER THE GENERATOR'S HAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L
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	McDonnell Douglas Corporation
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET - PART II

8	BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L
	GENERATOR NAME
	McDonnell Douglas Corporation
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	12381 Schaefer Highway									D. NUMBER
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F	ECTION H - WASTE IDENTIFICATION	STATE OF THE PARTY.		A STATE OF	Contract desired	A STATE OF THE PARTY OF THE PAR				
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	* SHIPPED TO THE	KAZANO		ZARDOUS NUMBER	COOE	TOTAL AMOUN	T 120		SPECIFIC	KANOLINE
	FACILITY LISTED ABOVE	3000	HASI	RUMOCE	दिश बद्धा १	Or HASIE		MEAS	ERAWITY	COOE
1.	Acid from chemical		D 0.0.	7				1.7		1
Ľ	conversion coating .	0 2			A	3,600)	P		T 0 4
2	National and a second and a second			1		6.04				T' 0'
-	Nickel plating solution Solution from cadmium	18	D 0. 0.	3 D 0 · 0 · 6	A	6,045)	P	•	T 0 4
3	cyanide plating	1 8	D 0.0.	0.0.0	A	2,325		P		T' 0' 4
1	Filters from cadmium	1 0	D 0: 0:	B D 0 · 0 · 6	_^	2,32	,	+-	•	1 0 4
4	cyanide plating	1 8			A	465	5	P		T 0 4
1	Sludge from cadmium		U 0. 0.	D 0.0.6				†	-	
-	cyanide plating	1 8		1	Α	2,32	5	P		T 0 4
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S	ECTION I - TRANSPORTATION SER	VICES	UTILIZE	av.					1.	Y
	15 COMPANY HAVE				16 MIS	SOURI IO NO 17 US EPA I	D MUMBER			
	J. B. Hunt Spec	ial C	ommodit	ies Inc	н	1888 ARD	98 T S	2 11 2	5 5	
	o. b. Huite Spec	iai c	OHEHOUTC	163, 1116.	-	1000 1 10	701	, , ,		
8					H			• •	• • •	
學					н		• • •			
7	CTION J. COMMENTS									

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE

8	BEFORE COPYING FORM, ENTER THE GENERATOR'S HAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L
	OCHCAATOR HAME
	McDonnell Douglas Corporation
	M.O.D.O.O.O.8.1.8.9.6.3
	MISSOURILD HUNDER

	REPORT SUMMARY	SHEE	T - PART	II wisso	WRITE HU	0, 0, 1	. 0. 0.	1		_
TH	OTE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE	I			· · · ·	
A	TTENTION: Summarize all shipme	ole me	de la the	SECTION	- REPO	RT IDENTIFICATIO	N (AS SH	OWN	ON PA	T1)
	azardous Waste Management Fa			I FOR THE	PERIOD END	HO ICHECK ONE & FEL IN	YEAR	2. PA		
	fentified in Section G below. Addit			D 9-30-	- (YELLA)	12-31-94 ME		8	OF.	9
	Quired for each off-site management			D 3-31-/_	(YEND)	37	AR)			_
L.				C 1967 TO 1988 T			17.51 34, 24 1. 3			
	ECTION G - FACILITY IDENTIFICA						4. FACILIT			ABER
L	Safety-Kleen Corporation		,				1			•
5.	,	_								.6 .3 .1 .
C	4526 Towne Ct., Harvestown	ne Inc	dustrial	Park	1 24	P CODE	L FACILII	4.2 MI2	SOURI I.	D. HUNBER
L	St. Charles			_MO	1	53304		1 41 40	0 2	3
5	ection H - Waste Identification	ON 🔀		100		: : : : : : : : : : : : : : : : : : :			1.7	
1	,		1		10.	11.		12	13	14.
1	DESCRIPTION OF WASTE SKIPPED TO THE	DOT KAZANO	EPA HAZ		COOE	HOMA JATOT	n	UNIT	SHOUR	FRAL
i	FACILITY LISTED ABOVE	1000	WASTE	NUMBER	(SEE MST.)	OF WASTE		MEAR	EVYALLA	CODE
1	Combustible solvent from	1	D·0·0·1	D.0.0.6	,			1.		
	painting/metal cleaning	0-1	D·0·0·8	D·0·1·8	Α	1,642		P		T-5 4
2			D·0·3·5	D.0.3.8						
L	***		D·0·4·0					_	•	
3	Combustible solvent from	0 1		D.0.0.8		0.500		١,		T-5 4
\vdash	painting/metal cleaning	0 1	D·0·1·8	0.0.3.8	A	2,533		P	•	
4			0.0.4.0							
-	Corrosive liquid	0-2	D.0.0.0	B.0.0.8				1	-	7.5.4
5	from parts cleaning	0.2		D·0·2·1	Α	195		P		T·5 4
8				D·0·3·5						
				D·0·4·0				 	•	
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	CTION I TRANSPORTATION SER	VICES	UTILIZED	A CONTRACTOR				7.7		
	15 COMPANY NAME				16 MIS	SOURI ID NO 17 US EPA	D NUUBER			
	• Safety-Kleen Co	rpora	ation		H· - ·	1.5.4.3 W. 0. D.	0954	8 6	31	
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-	CTION'S COMMENTS			Co 15 1 20 20 20 20	22					3
1	CHOINE COMMENIA SERVICE									



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65162
(314) 751-3176
GENERATOR'S HAZARDOUS WASTE
REPORT SUMMARY SHEET - PART II

8	BEFORE COPYING FORM, ENTER THE GENERATOR'S NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART L
	OCHERATOR HAME
	McDonnell Douglas Corporation
	M.O. D. D. D. S. 1. 8. 9. 6. 3
	MISSOURIED MUNICIPAL D. O. 1. O. O. 1

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H	OTE PLEASE READ INSTRUC	TIONS								
A	TTENTION: Summarize all shipmer	nts ma	de to the	SECTION I	- REPO	at identi	FICATION (AS SH			ITI)
	azardous Waste Management Fac			1 FOR THE			HE E FEL IN YEAR	2. PA	36	
	lentified in Section G below. Additi			D +31-			1-94 MEAR)	9	0/	9
(6	quired for each off-site management	facility	utilized.		_(1641)	G 4x	(read	'	•	
5	ECTION G - FACILITY IDENTIFICAT	ION .								
3.	FACILITY NAME (NAME OF OFF-SITE LOCAT	ION WH	ERE WASTE W	AS DELIVERE	0)		4. FACILIT			MBER
	Rollins Environmental Ser	vices	s (TX)' Ir	ıc			T .Y .D .	0.5.	5.1 /	1378
									-	
נה	P.O. Box 609, 2027 Battle	grow	nd Rd	STATE	7 716	CODE	E FACILITY	Y 5 MIS	SOURI I.	D. MUMBER
•	Deer Park		1	TX		7536		I. N.	T. X. 1	6
S	ECTION H - WASTE IDENTIFICATION)N								
•	,	L		A STATE OF THE PARTY OF THE PAR	10.		11.	12	13	14
1	DESCRIPTION OF WASTE	001	PA HAZ	ARDOUS	TAX	10	TAL AMOUNT	UNIT	SPECIFIC	INL
	* SHIPPED TO THE FACILITY LISTED ABOVE	CODE		NUMBER	COOE		OF WASTE	WIAR	EALVITY	EANDUME CODE
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1	Debris from aircraft servicing/painting	1.5		F·0·0·5	`	5.0	,580	P		1.0 3,
-	servicing/parinting .		1.0.0.3			30	, 300	 	-	
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3	CTION I - TRANSPORTATION SER	VICES	UTILIZED						1	
	18 COMPANY HAME				16 WIS	SOURI ID NO	17 US EPAID HUMBER			
	Peoria Disposal	Com	nany		H	1 · 1 · 9 · 1	I. F. D O O 9 8	4 8	1. 9.	
	reoria Disposal	COM	pany			1171	1200030			
	•				H			• •		
-	•				H	and remaining or the				
1	CTION J : COMMENTS # 24 4 4						1. V. S. 1. 1. 7.			



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART I

BEFORE COPYING FOR	RM, ATTACH SITE	IDENTIFICATION LABEL C)R
FACILITY NAME			
McDonnell Dougle	as Corporatio	on - Iract I	
Jospeh Haake	TER P.O. BOXI		
Lindbergh & McD	THE STATE OF THE PROPERTY OF T	ı	
CITY	STATE	ZIP CODE	
Hazelwood	MO	63042	
FACILITY'S EPA I D NUMBER		FACILITY'S MISSOURI I D NUMBER	
MI O D O O O O	1 9 9 6 3	D D O 2 6 0	

NOTE: THE FEDERAL EPA AND MISSOURI FACILITY I.D. NUMBERS ARE ASSIGNED EXCLUSIVELY
TO THE SITE WHERE WASTE IS HANDLED. YOU MUST NOTIFY THE DEPARTMENT IF THE

	ADDRESS FOR THE FACILITY	SITE CHANGES.		
NOTE ▶ PLEASE READ INSTRUCTIONS AND EITHER PI	RINT OR TYPE			
SECTION A - REPORT IDENTIFICATION	Y. 45			
IMPORTANT: ALL MISSOURI BASED FACILITIES THAT RECLAIM, TREAT,	1. FOR THE PERIOD	ENDING (CHECK OF	NE & FILL IN YEA	R) 2. PAGE
STORE, OR DISPOSE HAZARDOUS WASTE ON-SITE SHALL REPORT THE TYPE, QUANTITY AND HANDLING METHOD USED FOR EACH WASTE	9-30(YE	AR) 💢 12-31	-94 (YEAR)	
RECEIVED FROM ALL SOURCES. ALL FACILITIES MUST REPORT				1 05 16
QUARTERLY.	3-31(YE	AR) ∐ 6-30	(YEAR)	
SECTION B - FACILITY IDENTIFICATION -				
	82.			
McDonnell Douglas Corporation				A CONTRACTOR
4. FACILITY CONTACT PERSON (NAME) A SAME AS LABEL		TELEPHONE NUM	BER	-
Jospeh Haake		(314) 232	2-3319	
5. MAILING ADDRESS	CITY '	5)	STATE	ZIP CODE
P.O. Box 516, Mailcode 1111099	St. Louis		MO	63166
6. PLANT SITE ADDRESS SAME AS LABEL	CITY		STATE	ZIP CODE
Lindbergh & McDonnell Blvd.	Hazelwood	1	MO	63042
7 NAME OF PARENT FIRM		en Ser il	OFFICE USE	ONLY
McDonnell Douglas Corporation	×	10 p = 101		
SECTION C - COMMENTS				

SECTION D - CERTIFICATION STATEMENT:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and affiliated documents and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

PRINT NAME

SIGNATURE

DATE

23 Jan. 95

Robert H. Kaatman

RA Kata



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
(314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

100000818963

FACILITY'S MISSOURI

R.R.O.2.6.8

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N	OTE > PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE				
S	ECTION E - REPORT IDENTIFICAT	ION (A	SSHOWN	ON PART I)					1 + v +
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL		2. PAGE		NOTE: SUMMARIZE T	HE AL	AQUINT	OF WASTI	RECEIVED
	9-30 (YEAR) \$\mathbb{\text{\$12-31-94_(YEAR)}}		2	of 16	AND HOW IT WAS HAN				
	3-31(YEAR) 0 6-30(Y			OF	ON THIS PAGE. AD				
7.0		EAR)		- No. 19	COMPLETED FOR EACH				
E	FOTION E CENEDATOD IDENTIFI	CATIO	N / OF TH	FCOURCE					and market as A
1	ECTION F - GENERATOR IDENTIFI	CATIO							
1	SCHOOL S HAME		PAG	E WAS BOTH G	HE WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. G	ENERATO	R'S U.S EPA I.O.	NUMBER
1			SITE	- CHECK THIS	вох] M	0.00	7588	8487
П	1cDonnell Douglas Corporati	on				11.		, , , ,	0 1 0 7
•	GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. G	ENERATOR	R'S MISSOURI I	D. NUMBER
1	•					×35.			1
1	2600 North Third St., St.Ch	arles	, MO. 63	3301	*		0	0.1.1.1	0
5	ECTION G - WASTE IDENTIFICATION	N	1.0						
T	UMMARIZE THE AMOUNT OF WASTE	ROM T	HE ABOVE L	ISTED GENI	ERATOR AND HOW IT WAS H	ANDL	DATY	OUR SITE)	
ı	t .	9.	1	0.	11.	12.	13.	14. HAN	OUNG
1	DESCRIPTION	100	EPA HAZ	ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	1 2 2 2	300
6	OF WASTE	CODE	WASTE	NUMBER	OF WASTE	OF MEAS	GRAVITY	BATERIM	1 FINAL
1	Chlorinated solvent from		F 0 0 1	F.O.O.2		-	-		-
1		1.3	F·0·0·1		E 412	P		5.0.1	T . 5 . 0
-	painting/paint removal		D·0·4·0		6,413	+	•	3 0 1	1 3 0
2	Ignitible solvents from	0-8	D· 0· 0· 1		7 000			6:0:1	7.5.0
	painting/metal cleaning	0 0	D· 0·0·8		7,920	P		2.0.1	T 5 0
3			F · 0 · 0 · 3	F · 0 · 0 · 5			١.	1	
			D· 0· 3·5						7.74
,	Ignitible/chlorinated	2.0	D· 0· 0· 1	D·0·0·7		T		1.44	
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	Oil contaminated with		E. 0.0.5			+	<u> </u>		
6	chlorinated solvents	1. 3		FUUS	1 460	P		S 0 1	T' 5' 0
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S	CTION H - COMMENTS					4.7	13.4		
15.									
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 85102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM IDENTIFICATION NUMBER	S AS SH	THE	FACILITY ON PART I	NAME	AND
FACILITY NAME			3.11 8.1811.		

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

R. R. O. 2.6.8

_	OTE PLEASE READ INSTRUC							7			
5	ECTION E - REPORT IDENTIFICATI	STATE OF THE PERSON NAMED IN	S SHOWN	ON PART I)					4	. j.	\$. Th
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE		NOTE: SUMMARIZE						
	9-30- (YEAR) 12-31-94 (Y		3	of 16	AND HOW IT WAS HAI						
	3-31(YEAR)	EAR)			ON THIS PAGE. A					DI	O BE
					2n						
	ECTION F - GENERATOR IDENTIFICATION OF THE STATE OF THE S	CATIO	THE RESERVE OF THE PERSON NAMED IN				100.5				T. 3
3	GENERATOR'S NAME		PAG	E WAS BOTH G	ENERATED AND MANAGED ON-	\$. Gi	ENERATO	R'S U.S.I	EPA I.D. I	HUMB	EA
	(aDama)) Damila Carra	5.00	SITE	- CHECK THIS	BOX	M	0 0	0 0	8 1	8 9	5 5
	AcDonnell Douglas Corporati	CITY			STATE ZIP CODE		NERATOR				
•	GENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. 6	NERA TOP	(S MISS	OURITE) NUN	ISEN
4	OCI N. Hamley Dd. Hamelye	ad 1	10	63042			0.	0.1	. 2 . 4		20.5
	9951 N. Hanley Rd., Hazelwo ECTION G-WASTEIDENTIFICATION	ou, r	1U	03042			U	O I	2 4	9	
	SUMMARIZE THE AMOUNT OF WASTE F	IN ROM T	HE AROVE L	ISTED GENE	RATOR AND HOW IT WAS	HANDLE	DATY	DUR S	ITE	7.	
L	1.	1.	And the Control of th	0.	11.	12.	13.	14.			100
1	DESCRIPTION	001	EPA HAZ	ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OE 30	
N E	OF WASTE	CODE	WASTE	NUMBER	OF WASTE	OF MEAS.	GRAVITY	ITMI	ERIM		BAL
-	Debris from aircraft		D·0·0·7	F · 0 · 0 · 2		+		-			
1	servicing/painting	1.5		F · 0 · 0 · 5	1,380	P		5.0	0 1	Т.	0.3
	Oil contaminated with		F·0·0·2	F · 0 · 0 · 3	2,000	+				·	• •
2	chlorinated solvents	1. 3	F · 0 · 0 · 5		490	P		5 . (0 1	Τ.	0.3
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102

(314) 751-3176 FACILITY SUMMARY REPORT PART II

BEFORE	COPYING	FORM,	ENTER	THE	FACILITY	NAME	AND
IDENTIF	CATION N	UMBER!	S AS SH	NWC	ON PART I		

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI

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N	OTE >	PLEASE	READ INSTRUC	TIONS	AND EIT	HER PRINT	OR TYPE								
S	ECTION		IDENTIFICAT					A STATE OF			, A	g a 5	To de la		
			CHECK ONE & FILL		2. PAGE			SUMMARIZE T	HE AL	MOUNT	OF V	TPAN	E RE	CEIVE	0
١,		(YEAR)	Ø 12-31- 94 C		4	OF		OW IT WAS HAND							
	O 3-31		O 6-30			_OF	ON T	HIS PAGE. AD	DITIO	NAL P	AGE	S NE			
			the state of the state of			Service Service	COMP	LETED FOR EACH	INDI	IDUAL:	SOUP	ICE.			
5	ECTION	- GENER	ATOR IDENTIF	CATIO	N (LIST T	HE SOURCE	OF THE W	ASTE LISTED C	N TH	IS PAG	E)		4	1	
	GENERATOR:				4. IM	PORTANT: IF TI	HE WASTE IDEN	TIFIED ON THIS	The second named in column 2 is not a column 2 in colu	ENERATOR					
						GE WAS BOTH O		MANAGED ON-	1	0 0 0	0 0			0.7	,
1	McDonne	11 Dougl	as Corporat	ion			-		I M.	0 · D · 0	.0 .0	1 -8	ા સ	9./	.1
6 (GENERATOR'S	ADDRESS		CITY			STATE	ZIP CODE	7. GI	NERATOR	S MIS	SOURI	D. NU	MBER	
	C77C C-				^	£2042			1.4	0	0 1	. 2. !	. ,	1.	
			y., Hazelwo			63042			- 52	0	0. 1	. 2. :). 1		
5	ection (3 - WASTE	IDENTIFICATI	ON 😓		-72			1						
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l		8.		\$. 00T		10.		11.	12.	13.	14.		NOLING		
N		DESCRIPT OF WAS		HAZARO		AZARDOUS E NUMBER		AL AMOUNT F WASTE	OF	SPECIFIC GRAVITY		(3000		
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HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3178

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

FACILITY'S MISSOURI

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NOTE PLEASE READ INSTRUCT	TIONS	AND	EITH	ER PRINT	R TYP	E								
SECTION E - REPORT IDENTIFICATION								44				4.73		-
1 FOR THE PERIOD ENDING (CHECK ONE & FILL IN	-		PAGE			TE: SUMM	ARIZE TH	FAL	OLINT	OF W	ACTE	DEC	CEIV	50
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3-31(YEAR)		-		OF		THIS PA								
1 3-31 (YEAR)	AH)	*****		10.2 (6.0)		MPLETED F								C 2
SECTION F - GENERATOR IDENTIFIC	CATIO	A (FIE											÷ (1)	•
3. GENERATOR'S NAME				ORTANT: IF THE				5. GE	NERATOR	SUSI	PA I.D.	NUMB	ER	
				- CHECK THIS B		AND MAINAGE								
McDonnell Douglas Corporation	on							M (OCC	OO	8 1	8 5	9 2	2
6 GENERATOR'S ADDRESS	YTIC				STATE	ZIP CI	3OC	7. GE	NERATOR	'S MISS	OURITE	AUN C	ABER	
									- []			3		1
4500 Goodfellow, St.	Louis	:		MO	63120				0.	0.1	2.2	.2		
SECTION G. WASTE DENTISICATIO	TOUR		12 61				The second second				No.			
SECTION G - WASTE IDENTIFICATIO (SUMMARIZE THE AMOUNT OF WASTE F	DOM T	UE AR	DVFI	ISTED GENE	PATOR	AND HOW	AH SAW T	NDIE	DATV	1110 6	ITE			
130 MINAMILE THE AMOUNT OF WASTEP	9		1	0	MATON	11.	UASTIA	12.	13	14.		6.5	- 1-	
	001						- 1	UNIT		14.		DLING		
DESCRIPTION OF WASTE	HAZARD			ARDOUS NUMBER		OF WASTE	'	OF	SPECIFIC GRAVITY		CO	304		
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SECTION H - COMMENTS					4									
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HAZARDOUS WASTE PROGRAM

P.O. BOX 178 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

MISSOURI DEPARTMENT OF NATURAL RESOURCES BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8 . 1 . 8 . 9 . 6 . 3

FACILITY'S MISSOURI I D. NUMBER

R .R .0 .2 .6 .8

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N	OTE PLEASE READ INSTRUC	TIONS	AND	EITH	ER PRINT	OR TYP	Ε				
S	ECTION E - REPORT IDENTIFICAT	ON (A	SSHO	NW C	ON PART I)					Company st	
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2.	PAGE		NO	TE: SUMMARIZE TH	HE AN	TAUO	OF WASTE	RECEIVED
The state of	9-30- (YEAR) \$\infty\$ 12-31- 94 (Y	EAR)		6	of	AA I &	ID HOW IT WAS HAND	LED P	ROM A	N INDIVIDU	AL SOURCE
0	3-31(YEAR)	EAR)	-		OF		THIS PAGE. ADD				D TO BE
	万多。这是是我们是有"是这个					All the second	MPLETED FOR EACH				
5	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIS	T TH	E SOURCE	OF TH	E WASTE LISTED O	NTH	S PAG	E)	
3.	GENERATOR'S NAME						DENTIFIED ON THIS	5. G	NERATOR	SUSEPALD	NUMBER
١.					- CHECK THIS		The same same same same same same same sam	١.			
	McDonnell Douglas Corporati	on								0 0 8 1	
6	GENERATOR'S ADDRESS	CITY				STATE	ZIP CODE	7. GE	NERATOR	R'S MISSOURI I	D. NUMBER
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	Second & Morgan Streets		St.	Chai	rles M	0	63301		0	0 1 2 5	3
À.	ECTION G - WASTE IDENTIFICATION OF WASTE F	N		AVE I	ICYCD CEN		AND 11011715				
1	DMMARIZE THE AMOUNT OF WASTE	HOM I	HE AU		O. CENE	HATOR	I AND HOW IT WAS HA	12.	13.	OUR SITE)	Tie La
i	DESCRIPTION	OOT	١,		ARDOUS		TOTAL AMOUNT	UNIT	SPECIFIC	HAR	DLING DE
N	OF WASTE	HAZARD			NUMBER		OF WASTE	OF	GRAVITY		
E		C00£						MEAS.		INTERIM	FINAL
1	Debris from aircraft	1. 5	7		E. 0.0.5			_			
_	servicing/painting		F. 0.		F:0:0:5		5,520	Р	•	S 0 1	1 0 3
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S	ECTION H - COMMENTS						Francisco St. Commercial				**** F
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MISSOURI. DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI I D. NUMBER

R . R . O . 2 . 6 . 8

N	OTE PLEASE READ INSTRUC	TIONS	AND EITHER PRINT	OR TYPE				
5	ECTION E - REPORT IDENTIFICATI				ŭ., 747		Sept.	
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2. PAGE	NOTE: SUMMARIZE TI				
	9-30- (YEAR) 12-31- 94(Y		7 _{OF} 16	AND HOW IT WAS HAND				
	3-31(YEAR)	EAR)	• 1 V-1 was - 10 - 10 - 10 - 10 - 10	ON THIS PAGE. AD COMPLETED FOR EACH				D TO BE
								1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	ECTION F - GENERATOR IDENTIFI	CATIO		HE WASTE LISTED ON THIS			CSUSEPAID!	WILLIAM SER
				SENERATED AND MANAGED ON-		NERA TO	SUSEPAILU.	NOW BEN
μ	CDonnell Douglas Corporati	on	SITE - CHECK THIS	BOX	M O	D 9	8096	8 4 5 7
		CITY		STATE ZIP CODE	7. GE	NERATOR	R'S MISSOURI I	NUMBER
							0.4.2.1	7
	3900 Frost Berke	-	MO	63134		0 -	0 .4 .2 .1	1
S	ECTION G - WASTE IDENTIFICATION	N			1			
E	UMMARIZE THE AMOUNT OF WASTE	ROM T	HE ABOVE LISTED GEN	ERATOR AND HOW IT WAS H	ANDLE	DATY	OUR SITE)	
i	DESCRIPTION	700	EPA HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	HAND	DLING
N	OF WASTE	CODE	WASTE NUMBER	OF WASTE	OF MEAS	GRAVITY	INTERIM	FEIGU
_	Alkaline from derusting		0.0.0.2		1		III TOTAL	
1	of metal parts	0 .2		1,980	P	:	S 0 1	T 0 4
	Alkaline cleaning	0 0	D. 0.0.2 D. 0.0.7	2,350	1	-		
2	solution	0 .2		495	P		S 0 1	T 0 4
3	Debris from aircraft	1 .5	D· 0· 0· 7 F· 0· 0· 2					
_	servicing/painting	1 3	F. 0.0.3 F. 0.0.5	3,450	P	•	S 0 1	T 0 3
4	Ignitible solvents from	0.8	D· 0· 0· 1 D· 0· 0· 7			٠.	6 . 0 . 1	T . C . O
-	painting/metal cleaning		D· 0· 0·8 F· 0· 0·2	1,320	P	•	2 0 1	T 5 0
5			F· 0· 0· 3 F· 0· 0· 5 D· 0· 3· 5	,				
-	Ignitible/chlorinated ,		D 0 0 1 D 0 0 7		-	•		
6	solvents	8.0	D· 0· 4· 0 F· 0· 0· 2	512	P		S 0 1	T 5 0
			F. 0.0.3 F. 0.0.5		1	-		
/		•	D- 0- 3-5 · · ·					
9	Oil contaminated with	1 .3	F. 0. 0. 2 F. 0. 0. 3					
١	chlorinated solvents	1.3	F· 0· 0· 5 · · ·	10,280	P	•	S 0 1	T 5 0
	ECTION H - COMMENTS						A. 75.	
15								
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE	COPYING	FORM,	ENTER	THE	FACILITY	NAME	AND
IDENTIF	CATION N	JMBERS	AS SH	NWC	ON PART I		

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M O D O O O O 8 1 8 9 6 3

FACILITY'S MISSOURI

	K. K. U. Z. O. 8									
N	OTE PLEASE READ INSTRUC	TIONS	AND EITHER PR	INTO	RTYPE					
S	ECTION E - REPORT IDENTIFICAT					4. 116		4		
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL		2 PAGE		NOTE: SUMMARIZE TH	E AM	OUNT	OF WASTE	RECEIVED	
	9-30- (YEAR) \$\mathbb{D}\$ 12-31-94_(Y		8 OF 16	5	AND HOW IT WAS HAND					
	☐ 3-31(YEAR) ☐ 6-30(Y		OF	_	ON THIS PAGE. ADD	ITIO	NAL P	AGES NEE	D TO BE	
132	ALTO THE STATE OF				COMPLETED FOR EACH	INDIV	IDUAL S	SOURCE.		
5	ECTION F - GENERATOR IDENTIFI	CATIO	NILIST THE SOL	IRCE	OF THE WASTE LISTED OF	HT	SPAG	3)		
	ENERATOR'S HAME		4. IMPORTANT	IF THE	WASTE IDENTIFIED ON THIS	_		SUSEPAID		
			PAGE WAS E		NERATED AND MANAGED ON-					
	McDonnell Douglas Corpora	tion				M C	09	8096	8 4 5 7	
6 (ENERATOR'S ADDRESS	CITY			STATE ZIP CODE	7. GE	NERATOR	S MISSOURI I D	NUMBER	
	8900 Frost Berke	lev	М	0	63134	*	0.	0'4'2'1	7	
S	ECTION G - WASTE IDENTIFICATION					1				
	UMMARIZE THE AMOUNT OF WASTE			GENE	RATOR AND HOW IT WAS HA	NOLE	D AT Y	DUR SITE)		
ı	L	9.	10.		11.	12.	13.	14. HAND	LING	
1	DESCRIPTION	DOT	EPA HAZARDOUS		TOTAL AMOUNT	UNIT	SPECIFIC	CO		
NE	OF WASTE	CODE	WASTE NUMBER		OF WASTE	MEAS.	GRAVITY	INTERIM	FINAL	
÷	C 15	-	212121212121	0.7						
1	Sulfuric acid with	0.5	0.0.0.5 0.0.		979	P		2.0.1	T . 0 . 4	
	iron/nickel/cobalt			-						
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	CTION H - COMMENTS			. 98.		4		Same and the Same		
-	CTION H - COMMENTS						***			
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M O D O O O 8 1 8 9 6 3

FACILITY'S MISSOURI

R · R · O · 2 · 6 · 8

N	OTE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE						
Ş	ECTION E - REPORT IDENTIFICAT	ON (A	S SHOWN C	ON PART I)		(-9%) -					:
F	I FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2. PAGE		NOTE: SUMMAR	RIZE THE	THUOMA	OF WAST	TE F	RECEIV	ED
<u>.</u>	9-30- (YEAR) 12-31- 94(Y	EAR)	9	16	AND HOW IT WAS	SHANDLED	FROM A	N INDIVID	UAL	SOUR	ICE
	3-31(YEAR)	EAR)	1	OF	ON THIS PAG	E. ADDITI	ONAL P	AGES N	EEC) TO	88
4					COMPLETED FOR	REACH INC	IVIDUAL	SOURCE.			
5	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	ESOURCE	OF THE WASTE LIS	TED ON T	HIS PAG	E)	370		:
3.	GENERATOR'S NAME				E WASTE IDENTIFIED ON TI		GENERATO	A'S U S EPA I	D NI	JMBER	
			SITE	- CHECK THIS	ENERATED AND MANAGED O	M					
	McDonnell Douglas Corpora	tion					1 0 D 9	8 5 7	7.	1 8 0	7
6 (CITY			STATE ZIP CODE			R'S MISSOUR			
						3-				13.	4.5
	4240 Rider Trail E	arth	City	MO	63045	-	0	1 2 5 6	5 5		
5	ECTION G - WASTE IDENTIFICATION) N									1
15	UMMARIZE THE AMOUNT OF WASTE	ROM T	HE ABOVE LI	ISTED GENE	RATOR AND HOW IT	NAS HAND	LED AT Y	OUR SITE			
l	8.	9.	10).	11.	12		14. H	ANDL	NG	
N	DESCRIPTION	HAZARD	EPA HAZ		TOTAL AMOUNT	UNI	SPECIFIC		C008		
E	OF WASTE	CODE	WASTE N	IUMBER	OF WASTE	MEA	S. GRAVITY	INTERIM	1	FINAL	
	Debris from aircraft		D O O 7	F 0 0 2			1		+		
1	servicing/painting	1.5		F 0 0 5	1,380	P		S 0	1	T. 0.	3
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SE	CTION H - COMMENTS				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					100	
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MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102

FACILITY SUMMARY REPORT PART II

(314) 751-3176

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAM

McDonnell Douglas Corporation

FACILITY'S EPA

M .O .D .O .O .O .8 .1 8 .9 .6 .3

FACILITY'S MISSOURI I D. NUMBER

R. R. O. 2.6.8

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-	OTE PLEASE READ INSTRUC										
S	ECTION E - REPORT IDENTIFICATI		S SHOWN ON PART I			Sec. 1.	_			4 =	
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL I	N YEAR)	2. PAGE	NOTE: SUMMARIZE TI	HE AL	OUNT	OF WAST	F	RECE	IVE	D
	9-30 (YEAR) \$\ 12-31-94 (Y		10 16	AND HOW IT WAS HAND							
	3-31(YEAR)		OF	ON THIS PAGE. AD							
1	OFFICE OF THE PROPERTY OF THE		14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COMPLETED FOR EACH	INDIV	IDUAL	SOURCE.				_
5	ECTION F - GENERATOR IDENTIFI		NAME OF THE COURCE	MARKET AND ADDRESS OF THE PARTY				- 45°			
	GENERATOR'S NAME	CATIO	THE RESIDENCE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		-						
3. (JENERATOR'S NAME			THE WASTE IDENTIFIED ON THIS GENERATED AND MANAGED ON-	5. G	NERATO	R'S U.S EPA I.	D. NI	JMBER	t.	
			SITE - CHECK THIS	вох	Ш.						_
	McDonnell Douglas Corpora	tion			M () D O	800	1 8	3 9	0	6
6 (GENERATOR'S ADDRESS	CITY		STATE ZIP CODE	7. GE	NERATOR	R'S MISSOURI	10	NUMB	EA	
	Airport Rd & McDonnell F	llvd.	. St. Louis M	0 63134		0.	0.1.2.	4 '8	3	7	
S	Airport Rd. & McDonnell E ECTION G - WASTE IDENTIFICATION	11					Complete				
TS	UMMARIZE THE AMOUNT OF WASTE F	ROM T	HE ABOVE LISTED GEN	ERATOR AND HOW IT WAS HE	ANDLE	DATY	OUR SITE				
T	1.	9	10.	11.	12.	13	14		100 mg (1)		
i	DESCRIPTION	DOT	EPA HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	H.	CODE			
N	OF WASTE	HAZARD	WASTE NUMBER	OF WASTE	OF	GRAVITY		CUU:	-		
3	, pr	CODE			MEAS.		INTERIM	\perp	FIN	AL .	
1	Chlorinated solvent from	1 -3	F· 0· 0· 1 F· 0· 0· 2			1				100	
'	painting/paint removal	1.2	D· 0· 4· 0 · · ·	1,749	P		2.0.	1	[. :	5	0
2	Ignitible solvents from		D. 0.0.1 D. 0.0.7					T			
2	painting/metal cleaning	8 0	D. 0.0.8 F. 0.0.2	4,400	P		2.0.	1	L . :	5	0
	bajiiotiig/iicour creating		F. 0.0.3 F. 0.0.5			-		\top			
3		٠	D. 0.3.5 · · ·	4				-1	•	•	
\dashv	I - mitible / alclausinate /		D· O· O· 1 D· O· O· 7		-	•		+			-
4	Ignitible/chlorinated	8.0		_	Р		2.0.	11.	т :	5.	n
-	solvents		D· 0· 4· 0 F· 0· 0· 2		r	•	3 0	4			
5			F. 0.0.3 F. 0.0.5	니					•		
1			D 0 · 3 · 5 · · ·		1	•		1			
6	Oil contaminated with ,	1 -3	F. 0. 0. 2 F. 0. 0. 3	3							
"	chlorinated solvents	1.3	F. 0.0.5 · · ·	1,958	P		S. O.	1	Γ :	5	0
7	Corrosive laboratory		D 0.0.2 · · ·					T			
1	chemicals	0 · 2		30	P		2.0.	1	T (0	3
1	Miscellaneous laboratory		D 0 · 0 · 4 · · ·		-	-		1			
8		1.8	0004	30	P		S · 0 ·	1	T - () .	3
	chemicals CTION H - COMMENTS	tie en la su		100			The same of the same	we're	1.13	Fig	
	CHOKU-COMMENIS		ter att.							1	
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
HÁZARDOUS WASTE PROGRAM

P.Ö. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

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FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M·0·D·0·0·0·8·1 8·9·6·3

FACILITY'S MISSOURI I D. NUMBER

R ·R ·O ·2 ·6 ·8

N	OTE PLEASE READ INSTRUC	TIONS	AND EITH	ER PRINT	OR TYPE					
S	ECTION E - REPORT IDENTIFICAT	ON (A	SHOWN	DN PART I						
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL	IN YEAR)	2. PAGE		NOTE:	SUMMARIZE TH	HE AN	OUNT	OF WASTE	RECEIVED
	9-30 (YEAR) 12-3194 (Y	EAR)	111	OF 16	AND HO	WIT WAS HAND	LEDF	ROM A	N INDIVIDU	AL SOURCE
	3-31(YEAR)	EAR)		OF		S PAGE. ADI				D TO BE
					COMPLE	TED FOR EACH	INDIV	IDUAL :	SOURCE.	
S	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	E SOURCE	OF THE WAS	STE LISTED O	NTH	SPAG	E) **	
3. (GENERATOR'S NAME				ENERATED AND M		5. G	NERATOR	SUSEPAID.	NUMBER
1				E - CHECK THIS		WY CED ON-	м	0 0 0	0000	l. 8. 9. 0. 6
	McDonnell Douglas Corpora	tion					100	000		r. o. 3. o. d
6 (GENERATOR'S ADDRESS	CITY			STATE	ZIP CODE	7. GE	NERATOR	S MISSOURI I	NUMBER
								7		***
	Airport Rd. & McDonnell B		, St. Lou	is	MO 63	134		0.	0.1.5.4	8
S	ECTION G - WASTE IDENTIFICATION OF WASTE F	ON :								
IS	UMMARIZE THE AMOUNT OF WASTE F	_							The second named in column 2 is not a se	
	* 8.	9. 00T		0.		11.	12. UNIT	13.	14. HAN	DUNG
N	DESCRIPTION OF WASTE	HAZARD		ARDOUS NUMBER		AMOUNT VASTE	OF	SPECIFIC GRAVITY	CO	30
E	- UI WASIE	CODE	MASIC	NOMBER	Or v	TASIC	MEAS.	BRAVILL	INTERIM	FHAL
1	Acid from chemical	0.0	0.0.0.5	0.0.0.2	1 015				1	T
L	Conversion coating Solution from coating	0. 5			1,015		P	• ,	2.0.1	T '0 '4
2		0: 0	0.0.0.5	D.O.O.2						
	removal	0. 5	F.0.0.2		255		P	•	S 0 1	T 0 4
3	Acid from stainless steel	0-2	D. 0.0.5	D.0.0.9						!
	pickling/plating	0 2	D. 0.0.1	D. 0.0.8	1,556		P	•	5 0 1	T 0 4
4	Acid from metal	0.2	D · 0 · 0 · 2		1,037		P		S · 0 · 1	T . 0 . 4
	surface passivate	0 2	• • •		1,007			•	0 0 1	
5	Alkaline from derusting	0-2	D. 0.0.5	D.0.0.8	990		P		$S \cdot 0 \cdot 1$	T . 0 . 4
	of metal parts	0 2			330			•	0 0 1	
6	Solution from anodize ,	1. 3	D. 0.0.5	D·0·0·7	44		Р		S · 0 · 1	T . 0 . 4
	sealing	1 3					·	•		
7	Chlorinated solvent from	1. 3		F.0.0.2						
H	painting/paint removal	1 3	D· 0· 4·0		1,166		Р	•	S 0 1	1 5 0
8	Chlorinated solvent from	1. 3	F · 0 · 0 · 1	D· 0· 4·0	583		Р		S · 0 · 1	T . 5 . 0
الما	degreasing			• • • •	300		- 12/5	0		
	CTION H - COMMENTS			54.45						
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HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

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McDonnell Douglas Corporation

FACILITY'S EPA

H .O .D .O .O .O .8 .1 .8 .9 .6 .3

FACILITY'S MISSOURI

R.R.O.2.6.8

N	OTE > PLEASE READ INSTRUC	TIONS	AND EITHER PRINT	OR TYPE				
S	ECTION E - REPORT IDENTIFICATI		S SHOWN ON PART I)					
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE	NOTE: SUMMARIZE TH				
	9-30- (YEAR) X 12-31- 94(Y		12 OF 16	AND HOW IT WAS HAND				
	3-31(YEAR)	EAR)		ON THIS PAGE. ADI				D TO BE
				COMPLETED FOR EACH				
	ECTION F - GENERATOR IDENTIFI	CATIO						
3.	GENERATOR'S NAME			E WASTE IDENTIFIED ON THIS ENERATED AND MANAGED ON-	5. G	ENERATO	R'S U.S.EPA I.D.	NUMBER
	W.O		SITE - CHECK THIS	вох	١			
	McDonnell Douglas Corpora				-		0081	8906
•	GENERATOR'S ADDRESS	CITY		STATE ZIP CODE	7. G	NERATO	R'S MISSOURI II	D NUMBER
	1.		61 1 1			18 a.		
7	Airport Rd. & McDonnell B		St. Louis	MO 63134		U	0 1 2 4	8
	ECTION G - WASTE IDENTIFICATION OF WASTE F	ON .	UE ADOVE LIGTED CENT	DATOR AND HOW IT WAS H				
22	MANAGE THE AMOUNT OF WASTER	HOM I	HE ABOVE LISTED GENE	HATOR AND HOW IT WAS HE	12	13	14	
i	DESCRIPTION	001	EPA HAZARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC	HAM	DUNG DOE
N	OF WASTE	HAZARO	WASTE NUMBER	OF WASTE	OF MEAS	GRAVITY	INTERIM	
t		COUE	0.0.0.1.0.0.7		MCAS.		INCIENIM	FINAL
1	Ignitible solvents from painting/metal cleaning	0.8	D · O · O · 1 D · O · O · 7	0.000	_			
-	painting/metal cleaning		D 0 0 8 F 0 0 2	8,800	P	•	S 0 1	T 5 0
2			F·0·0·3 F·0·0·5					
-	Ignitible/chlorinated		D·0·3·5 · · · · · · · · · · · · · · · · · ·		-	•		
3	solvents	0.8	D·0·4 0 F·0 0 2	4,094	P		S 0 1	T 5 0
-	201461162		F·0·0·3 F·0·0·5	4,034	F	•	3 0 1	1 3 0
4			0.0.3.2			:		
	Oil contaminated with		F·0·0·2 F·0·0·3			-		
5	chlorinated solvents	1.3	F·0·0 5	15,175	P		5 0 1	T '5 '0
	Miscellaneous laboratory		0.0.0.1			-		
6	chemicals	0.7		100	P		2.0.1	L . 0 . 3
-	Miscellaneous laboratory		0.0.0.4					
1	chemicals	1.8		20	P		5 0 1	T 0 3
	Corrosive laboratory		0.0.0.5		-			
8	chemicals	0. 5		200	P		2.0.1	1.0.3
SE	ECTION H - COMMENTS		Extra Library					4.4
15.								



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYIN	G FORM,	ENTER	THE	FACILITY	NAME	AND
IDENTIFICATION	NUMBER	S AS SH	NWC	ON PART I		

FACILITY NAME

McDonnell Douglas Corporation
FACILITYS EPA
IQ NUMBER

M. O. D. O. O. O. S. 1.8.9

M.O.D.O.O.O.8.1.8.9.6.3

FACILITY'S MISSOURI I D. NUMBER

R. R. O. 2. 6. 8

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N	OTE PLEASE READ INSTRUC	TIONS	AND	EITH	ER PRINT	OR TYPE								\neg
S	ECTION E - REPORT IDENTIFICATI						-							
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL I			PAGE		NOTE: SUMMARIZE TH	E AM	OUNT	OF I	WAST	TE	REC	FIVE	
	9-30 (YEAR). X 12-31- 94 (Y		1	13	16	AND HOW IT WAS HAND								
	☐ 3-31(YEAR) ☐ 6-30(Y		-		OF	ON THIS PAGE. ADD								
4		Ser. Se		200	2 10 2 3	COMPLETED FOR EACH								
5	ECTION F - GENERATOR IDENTIFE	CATIO	N 11 15	ТТН	FSOURCE	OF THE WASTELISTED O	NTH	SDAG	E)		£ ,,		* 7	
	GENERATOR'S NAME	OAO	10131	**		E WASTE IDENTIFIED ON THIS	-	NERATOR					A	
				PAG		ENERATED AND MANAGED ON-								
	McDonnell Douglas Corpora	ation		3116	- Check Inis		H .	0. Q. C	0.	8. (.1	& .9	0	5
6 1		CITY				STATE ZIP CODE	7 65	NERATOR	.c me	SOLIB	110	MUM	958	\dashv
									. 5	3001			3	
	Airport Rd. & McDonnell I	Rlvd	St	Lo	uis	MO 63134	.4. 3	0.	U	1. 5.	4	8		
C	ECTION G - WASTE IDENTIFICATION	Manager 1	, 50	連続	u 13	110 03134			2000		1		7	-
1	UMMARIZE THE AMOUNT OF WASTE F	DN	HE AR	DVFI	ISTED GENE	FRATOR AND HOW IT WAS HE	NDIE	DATV	OH D	CITE			5.	
L	1.	2	13.0	-	0.	11.	12.	- 13.	14.				'	
ĩ	DESCRIPTION	001	,	PA 1487	ARDOUS	TOTAL AMOUNT	UNIT	SPECIFIC		H.	ONA.			
N	OF WASTE	HAZARO			NUMBER	OF WASTE	OF	GRAVITY			COL			1
E	W 100 MARK MARK	COOE					MEAS.		IN	TERIM	_	FI	MI	_
1	Flammable laboratory	0 .8	D. 0.	0.1		300	Р		s.	0 ·	1	Τ.	0 -	3
_	chemicals	0 0		•				•	_		7			
2	Miscellaneous laboratory	1 .8	D. 0.	0.4		20	Р		5.	0 ·	1	Т.	٥.	3
	chemicals	1 0		•		20	•							_
3	Ether/sodium aryl	0.8	D 0.	0.1	D. 0. 0. 5	9	P		s.	0 ·	1	т.	ο.	3
_	radical	0 8	<u> </u>	•				•	3	-		•		
4	Resin solution	0.8	D 0	0.1		14 552	Р		c.	0.	,	т.	ο.	3
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SI	ECTION H - COMMENTS												725	
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
"HAZARDOUS WASTE PROGRAM"
P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE	COPYING	FORM,	ENTER	THE	FACILITY	NAME	AND
IDENTIFI	CATION N	UMBER!	S AS SHO	NWC	ON PART I		

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA

M · O · D · O · O · O · 8 · 1 · 8 · 9 · 6 · 3

FACILITY'S MISSOURI

R. R. O. 2.6.8

				10.140	K. K. U		0.0					
N	OTE PLEASE READ INSTRUC	TIONS	AND EITHER PE	RINT	OR TYPE				+		-	
S						Q		1000				
Park of	TOON E - REPORT IDENTIFICATION FOR THE PERIOD ENDING (CHECK ONE & FILL III 9-30- (YEAR) 12-31- 94 (YEAR)	N YEAR)	2 PAGE		NOTE: SUMMARIZE TH	E AM	OUNT	OF W	ASTE	REC	CEIV	FD
4. m. 4	9-30 (YEAR) X 12-31- 94 (YEAR)	EAR)	14 OF 16		AND HOW IT WAS HAND							
	☐ 3-31 (YEAR) ☐ 6-30 (YI		OF		ON THIS PAGE. ADD	OITIO	NAL, P.	AGES	NEE	D	ТО	BE
2					COMPLETED FOR EACH	INDIV	IDUAL S	SOUR	CE.			
S	ECTION F - GENERATOR IDENTIFIC	CATIO	N (LIST THE SOL	JRCE	OF THE WASTE LISTED O	N TH	S PAG	Ε)	V. 50			
	GENERATOR'S NAME		4. IMPORTANT	: IF TH	E WASTE IDENTIFIED ON THIS	200	NERATOR					
			SITE - CHEC		ENERATED AND MANAGED ON-							
1	CDonnell Douglas Corporati	on			x	M (O C C	0 0	8 1	8 9	9 6	3
6	GENERATOR'S ADDRESS	CITY		·	STATE ZIP CODE	7. GE	NERATOR	S MISS	OURII) NUI	MBER	1
						410	55.45				1.5	
1	indbergh & McDonnell Blvd.	, Haz	elwood, MO	6304	2		0.	0'1'	0 0	1		
S	ECTION G - WASTE IDENTIFICATION	N										
T	UMMARIZE THE AMOUNT OF WASTE F	ROM T	HE ABOVE LISTED	GENE	RATOR AND HOW IT WAS HE	NDLE	DATY	DUR S	TE)		يد	
L	8.	9. DOT	10.		11.	12. UNIT	13.	14.	HAND	DLING		
N	DESCRIPTION	HAZARD	EPA HAZARDOUS		TOTAL AMOUNT	OF	SPECIFIC		CO	30		
E	OF WASTE	CODE	WASTE NUMBER	1	OF WASTE	MEAS.	GRAVITY	INTE	RIM	1	FINAL	
	Ignitible solvents from		F 0 0 3 F 0	0.5								
1	painting/metal cleaning	0 8	D · O · O · 1 D · O	0.7	5597.9	Р			•	T	5	4
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S	ECTION H - COMMENTS				1			***				
15.												
1	54: On-site recovery											



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

(314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAME

McDonnell Douglas Corporation

FACILITY'S EPA ID NUMBER

M · O · D · O · O · O · 8 · 1 · 8 · 9 · 6 · 3

FACILITY'S MISSOURI

R. R. O. 2. 6.8

N	OTE PLEASE READ INSTRUC	TIONS	AND EITHER PRINT	OR TYPE			,				
5	ECTION E - REPORT IDENTIFICATI	ON (AS	SHOWN ON PART I)	The state of the s	9.12		Verien	-14		14. 15. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL I		2. PAGE	NOTE: SUMMARIZE TH	IE AM	TNUOI	OF WA	STE	REC	CEIVE	ED
	9-30- (YEAR) XX 12-31- 94(Y	EAR)	15 OF 16	AND HOW IT WAS HAND							
	☐ 3-31(YEAR) ☐ 6-30(Y	EAR)	,	ON THIS PAGE. ADD					D 1	ro e	BE
			不多多个 training	COMPLETED FOR EACH	INDIV	IDUAL S	SOURC	E.			
S	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST THE SOURCE	OF THE WASTE LISTED O	N THI	SPAG	E)	V.5			-
3 (GENERATOR'S NAME			E WASTE IDENTIFIED ON THIS	5. GE	NERATOR	'S U.S EP	A I.D.	NUMB	ER	
			SITE - CHECK THIS	ENERATED AND MANAGED ON-						o	-
M	cDonnell Douglas Corporati	on			M ·	0 Q (0 0 4	3 1	8 4	9 6	3
6 (GENERATOR'S ADDRESS	CITY		STATE ZIP CODE	7. GE	NERATOR	'S MISSO	URII	NUN	ABER	
L	indbergh & McDonnell Blvd.	, Haz	elwood, MO	63042	3	0.	0.1.0) · 0	. 1		-
S	ECTION G - WASTE IDENTIFICATION	N					1	4.5			_
İs	UMMARIZE THE AMOUNT OF WASTE F	ROM T	HE ABOVE LISTED GENE	ERATOR AND HOW IT WAS HA	NDLE	D AT Y	DUR SI	TE)			
L	8.	9.	10.	11.	12.	13.	14.	HANI	DUNG		
1	DESCRIPTION	DOT HAZARD	EPA HAZARDOUS	TOTAL AMOUNT	UMIT	SPECIFIC			DE		
E	OF WASTE	CODE	WASTE NUMBER	OF WASTE	MEAS.	GRAVITY	INTER	м	1	FWAL	
	Industrial wastewater		D·O·O·3 F·O·O·6						-		-
		1.2	F · 0 · 1 · 9 · · · ·	142,000	Р		S . 0	. 2	T.	0 .	4
	pretreatment sludge Acid from metal		D·0·0·2 · · ·	112,000	·	•	-		-		
2	surface passivate	0.5		519	Р		5 0	. 1	T.	0 .	4
	Alkaline from chrome		D·0·0·2 D·0·0·7	313	·	•	-		<u> </u>		
	plating	0. 2	0.0.0.8	2,136	Р		5.0	. 1	T.	0 .	4
	Alkaline from derusting		D·O·O·2 D·O·O·8	2,130	•	•	3 0		ŀ		-
44		0.2	0002000	4,455	Р		S . 0	. 1	T.	0 .	4
-	of metal parts			7,733	•	•	3 0		·		-
5	Water emulsified			1,351	P		s · 0	. 1	T.	5.	n
-	cutting oil		F · 0 · 0 · 1 F · 0 · 0 · 2	1,331	•	•	3 0		•		
6	Chlorinated solvent from	1.3	0.0.4.0	2,332	Р		S . 0	. 1	T.	5	0
	painting/paint removal			2,332	-	•	3 0		<u> </u>		
	Chlorinated solvent	1.3	F·0·0·1 D·0·4·0	583	Р		s · 0	. 1	т.	5	0
-	from degreasing		50005000	363	F	•	3 0	1	-		-
8	Oil contaminated with	1.3	F · 0 · 0 · 2 F · 0 · 0 · 3	20, 010	P		c . v	. ,	T .	6 .	0
	chlorinated solvents	State of F. E.	F.0.0.2	28,910	P	•	3 U	1	72.45	J	U
91	ECTION H - COMMENTS								50		

TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.



MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176

FACILITY SUMMARY REPORT PART II

BEFORE COPYING FORM, ENTER THE FACILITY NAME AND IDENTIFICATION NUMBERS AS SHOWN ON PART I.

FACILITY NAM

McDonnell Douglas Corporation

FACILITY'S EPA

M. O. D. O. O. O. 8. 1. 8. 9. 6. 3

FACILITY'S MISSOURI

R · R · O · 2 · 6 · 8

N	NOTE PLEASE READ INSTRUCTIONS AND EITHER PRINT OR TYPE													
S	SECTION E - REPORT IDENTIFICATION (AS SHOWN ON PART I)													
	1 FOR THE PERIOD ENDING (CHECK ONE & FILL	N YEAR)	2. PAGE		NOTE: SUMMARIZE TH	HE AN	TAUON	OF WASTE	RECEIVED					
	9-30 (YEAR) X 12-31- 94 (Y	EAR)	16	OF	AND HOW IT WAS HAND									
1	☐ 3-31(YEAR) ☐ 6-30(Y	EAR)		OF,	ON THIS PAGE. ADI				D TO BE					
	\$17.50 EN 10.00 (10.00				COMPLETED FOR EACH	INDIV	IDUAL :	SOURCE.	1					
S	ECTION F - GENERATOR IDENTIFI	CATIO	N (LIST TH	E SOURCE	OF THE WASTE LISTED O	NTH	IS PAG	E)	£ 7.5%					
3 (GENERATOR'S NAME				E WASTE IDENTIFIED ON THIS	5 G	ENERATOR	RSUSEPAID	NUMBER					
	McDonnell Douglas Corporation PAGE WAS BOTH GENERATED AND MANAGED ON- SITE - CHECK THIS BOX M. O. D. O. O. O. O. 8. 1. 8. 9. 6. 3													
	McDonnell Douglas Corp	orat	ion			M.	0.D.0	0 .0 .8 .1	8 .8 .8 .3					
6 (GENERATOR'S ADDRESS CITY STATE ZIP CODE 7. GENERATOR'S MISSOURI I D NUMBER													
	Lindbergh & McDonnell Blvd., Hazelwood, MO 63042 SECTION G-WASTE IDENTIFICATION SUMMARIZE THE AMOUNT OF WASTE FROM THE ABOVE LISTED GENERATOR AND HOW IT WAS HANDLED AT YOUR SITE)													
S	ECTION G - WASTE IDENTIFICATION	ON 😅												
15	UMMARIZE THE AMOUNT OF WASTE	ROM T	HE ABOVE L	ISTED GENE	RATOR AND HOW IT WAS HA	NDLE	DATY	OUR SITE)						
L	8.	9. DOT	1	0.	11.	12. UNIT	13.	14	DLING					
N	DESCRIPTION OF WASTE	HAZARO		ARDOUS	TOTAL AMOUNT	OF	SPECIFIC	co	300					
E	UF WASTE	CODE	WASIE	NUMBER	OF WASTE	MEAS	GRAVITY	INTERIM	FINAL					
1	Ignitible solvents from	0.0	D · O · O · 1	D·0·0·7										
	painting/metal cleaning	0.8	D. 0.0.8	F · 0 · 0 · 2	26,400	P		S 0 1	T 5 0					
2			F · 0 · 0 · 3											
-			D·0·3·5											
3	Ignitible/chlorinated	0.0	D · O · O · 1	D·0·0·7										
٥	solvents	0.8	D · O · 4 · O	F · 0 · 0 · 2	5,120	P		5 0 1	T 5 0					
4			F · 0 · 0 · 3	F · 0 · 0 · 5										
			D·0·3·5				•							
5	Mold material from	0. 2	D · O · O · 2		12 220			c						
	die-casting metals	0. 2			13,338	P	•	2.0.1	T · 0 · 4					
6	Acid from pickling	0.2	D·0·0·2											
	aluminum alloys	0. 2			1,068	P	•	S 0 1	T 0 4					
7														
	Coolant	·			880	P	•	S 0 1	T 0 4					
8														
SE	CTION H - COMMENTS		\$407 \$			¥7.	14.15		11 6 - T					
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TO4: Precipitation, reduction, neutralization, filtration, coagulation, fixation, and discharge to POTW.